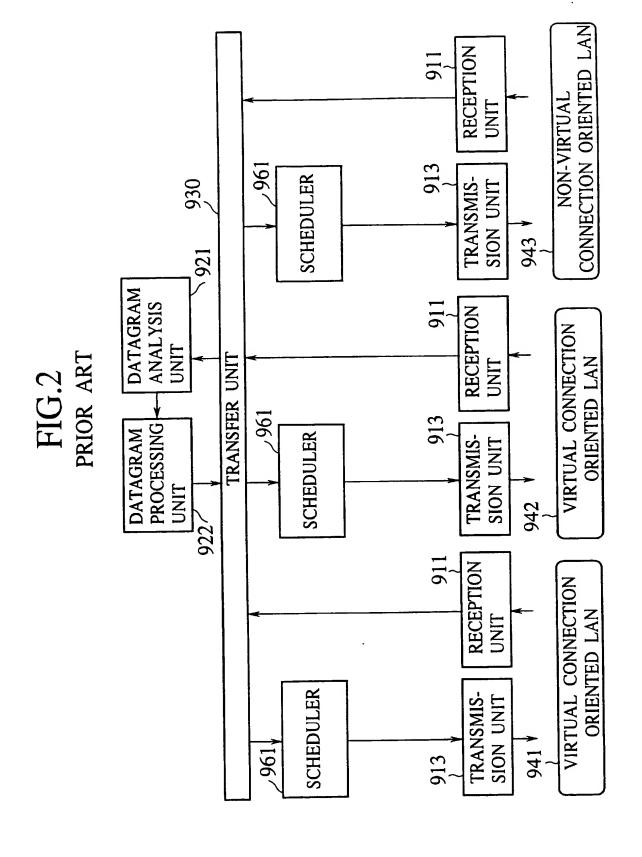
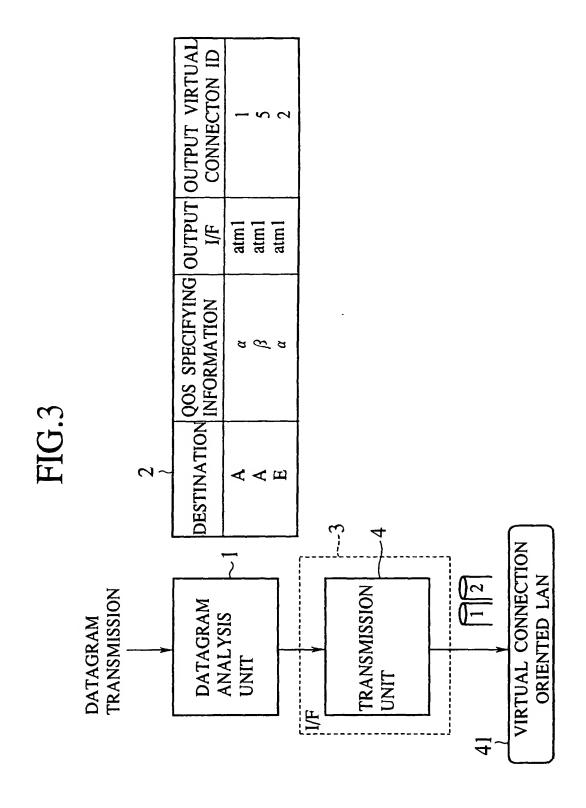
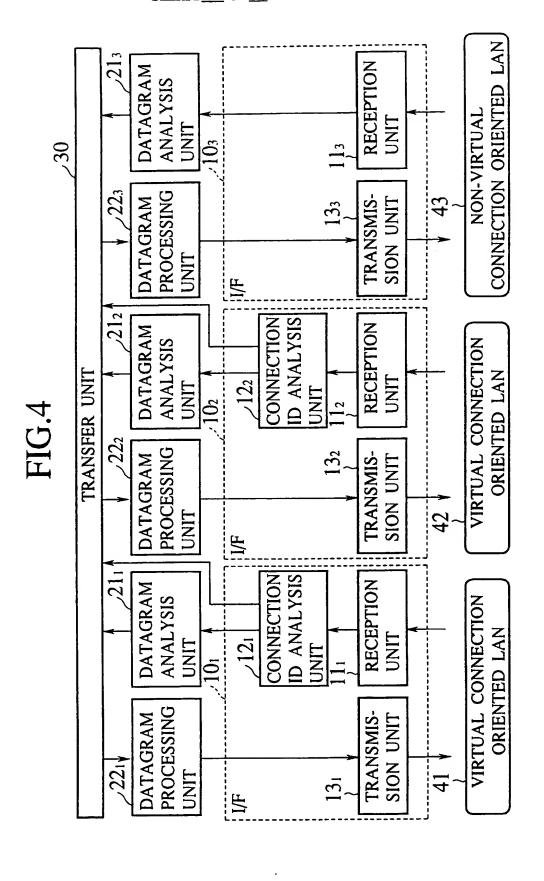


OBLON, SPIVAK, ET AL DOCKET #: 226310US-6RE INV: KENICHI NAGAMI ET AL. SHEET 2 OF 17





OBLON, SPIVAK, ET AL DOCKET #: 226310US-6RE INV: KENICHI NAGAMI ET AL. SHEET 4 OF 17



## FIG.5

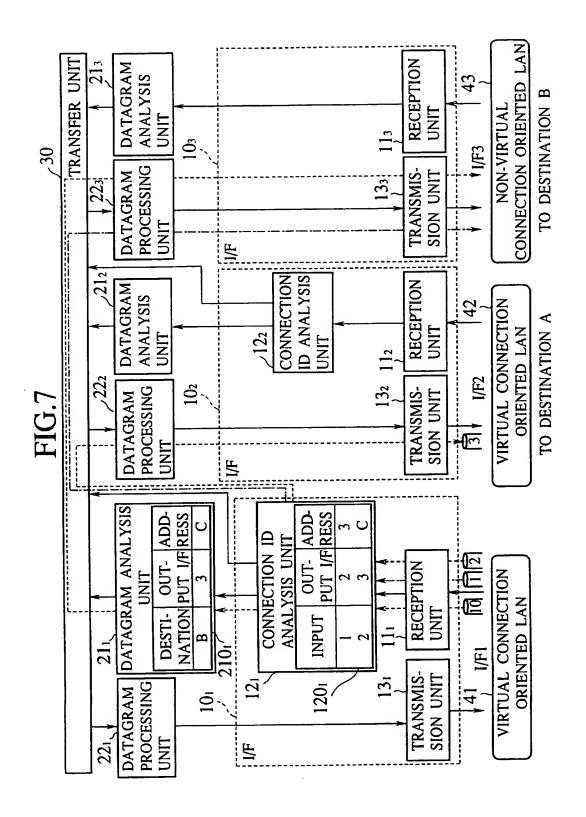
2,1

DATAGRAM ANALYSIS UNIT  210 ROUTING TABLE			
DESTINATION ADDRESS (DESTINATION)	OUTPUT I/F	NEXT HOP NETWORK LAYER ADDRESS OR OUTPUT VIRTUAL CONNECTION ID (ADDRESS)	

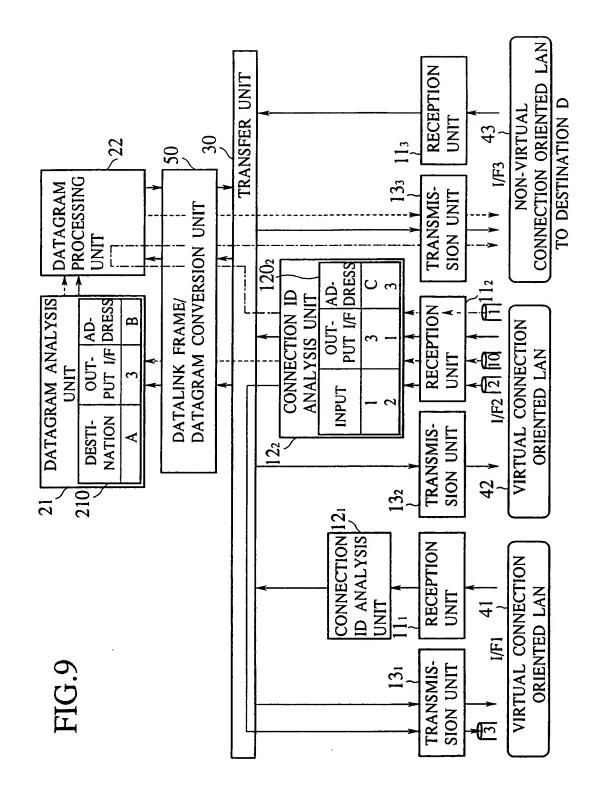
## FIG.6

12

CONNECTION ID	·	S UNIT ER TABLE
INPUT CONNECTION ID (INPUT)	OUTPUT I/F	NEXT HOP NETWORK LAYER ADDRESS OR OUTPUT VIRTUAL CONNECTION ID (ADDRESS)



CONNECTION ORIENTED LAN RECEPTION LINI 43 TO DESTINATION D NON-VIRTUAL UNIT TRANSFER 30 **\**22 I/F3 133 **PROCESSING DATAGRAM** TRANSMIS-SION UNIT UNIT Γ.  $120_{2}$ PUT I/F|DRESS **F**] 12 C OUT- AD-CONNECTION ID ANALYSIS UNIT DATAGRAM ANALYSIS NATION | PUT I/F | DRESS RECEPTION AD-VIRTUAL CONNECTION 3 ORIENTED LAN OUT-UNIT FIG.8 LIND INPUT I/F2 DESTI-TRANSMIS-SION UNIT 122 45 132 CONNECTION ID ANALYSIS RECEPTION VIRTUAL CONNECTION ORIENTED LAN UNIT LING I/F1 TRANSMIS-SION UNIT 131 44



CONNECTION ORIENTED LAN RECEPTION NON-VIRTUAL UNIT ,613 SCHEDULER 43 133 SION UNIT **TRANSMIS** 30 見月月 **\22** ,602 **PROCESSING** SCHEDULER ID ANALYSIS **DATAGRAM** CONNECTION RECEPTION Щ VIRTUAL CONNECTION 知用 TRANSFER UNIT UNIT ORIENTED LAN LIND UNIT 12 122 612 SCHEDULER 132 TRANSMIS-SION UNIT DATAGRAM 月月月 **ANALYSIS** 42 LINI CONNECTION 12 21 9 SCHEDULER ID ANALYSIS RECEPTION Щ VIRTUAL CONNECTION 用用. ORIENTED LAN UNIT UNIT SCHEDULER **TRANSMIS-**SION UNIT 月月月 41

FIG.10

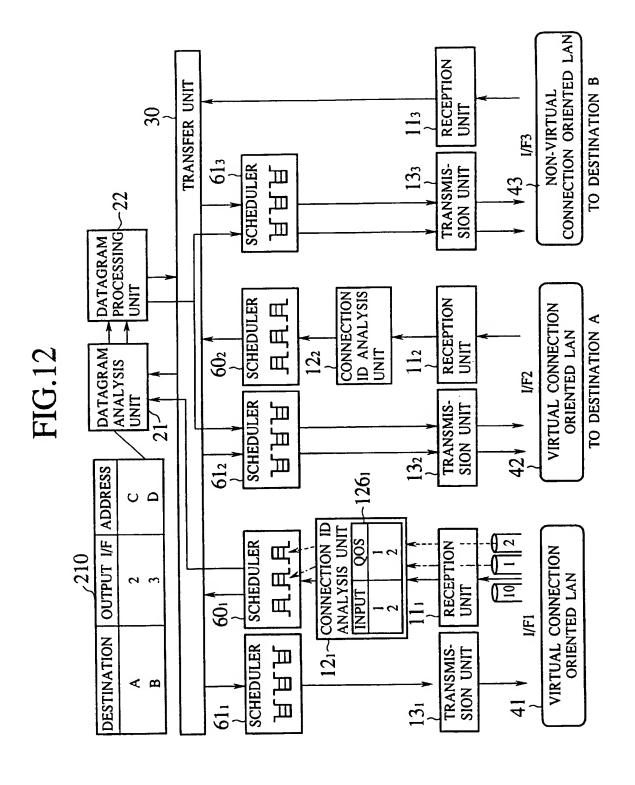
OBLON, SPIVAK, ET AL DOCKET #: 226310US-6RE INV: KENICHI NAGAMI ET AL. SHEET 10 OF 17

## **FIG.11**

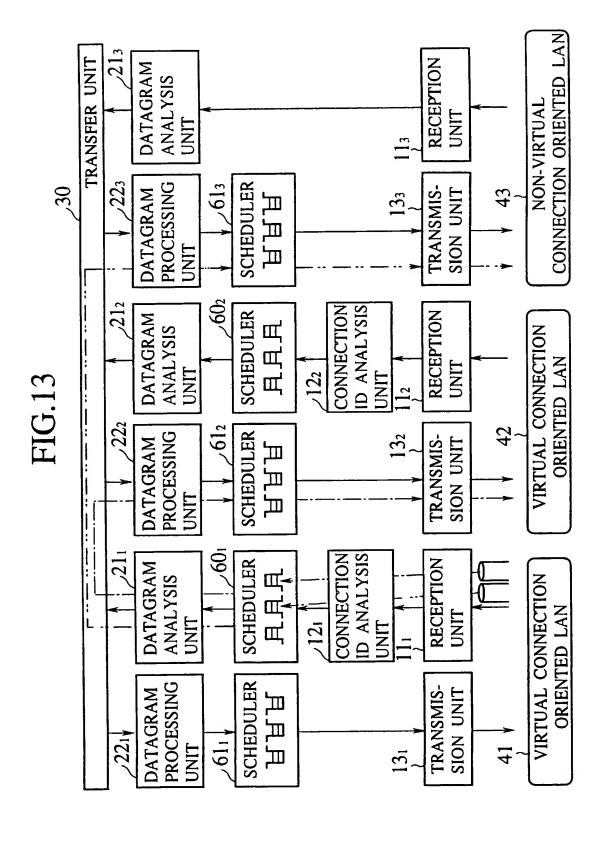
CONNECTION ID ANALYSIS UNIT

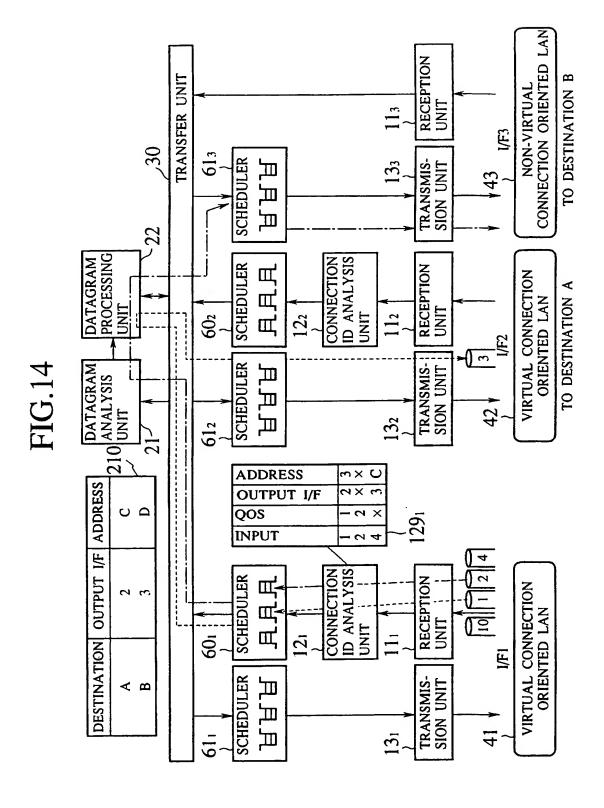
126
QOS TABLE

INPUT CONNECTION ID QUALITY OF SERVICE
(INPUT) (QOS)



OBLON, SPIVAK, ET AL DOCKET #: 226310US-6RE INV: KENICHI NAGAMI ET AL. SHEET 12 OF 17

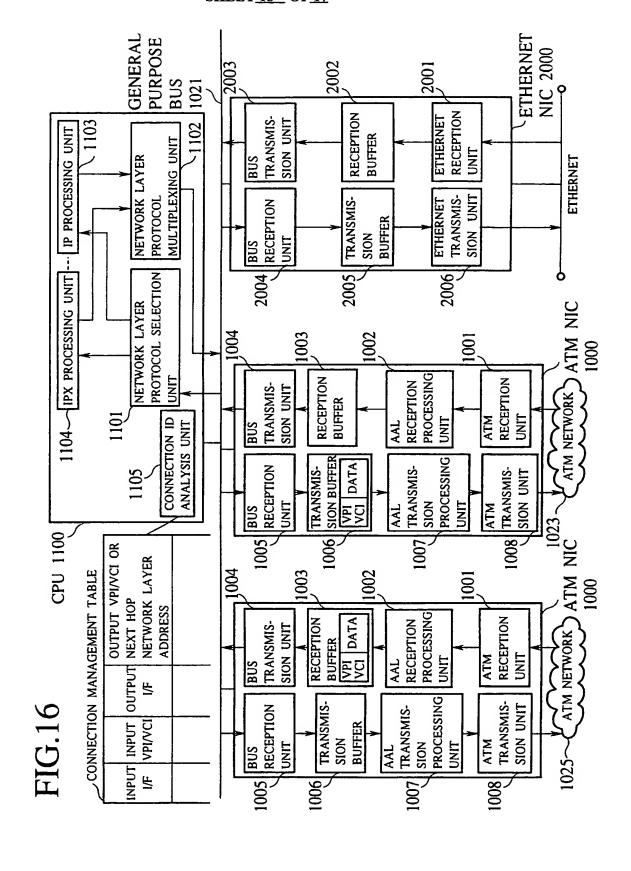


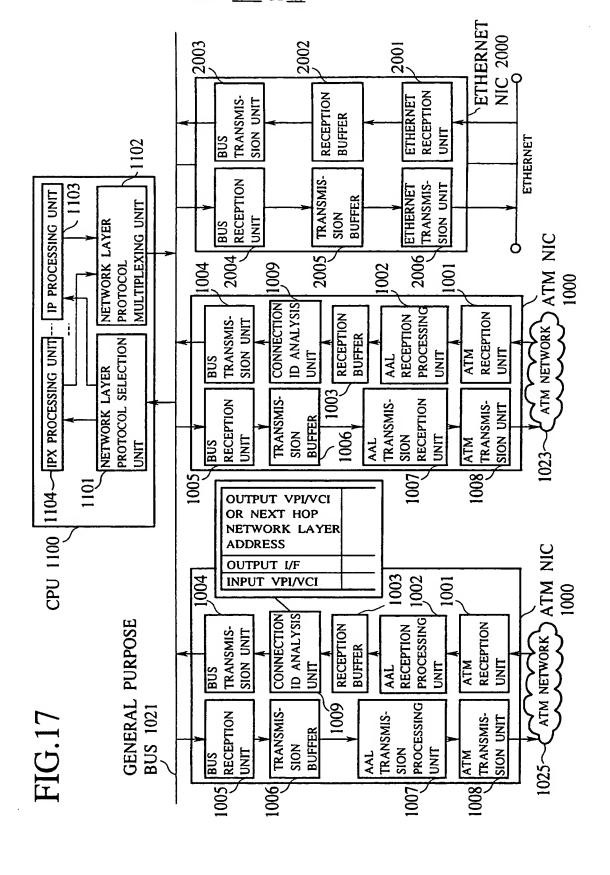


CONNECTION ORIENTED LAN **RECEPTION** DATAGRAM ANALYSIS UNIT TO DESTINATION B NON-VIRTUAL UNIT TRANSFER UNIT  $61_3$ 43 **PROCESSING** SCHEDULER 且 DATAGRAM **TRANSMIS-**SION UNIT 且 LIND 33 耳 ID ANALYSIS UNIT CONNECTION RECEPTION UNIT SCHEDULER DATAGRAM Щ VIRTUAL CONNECTION ANALYSIS UNIT TO DESTINATION A 叫 ORIENTED LAN 602 武 22 **PROCESSING** 612 TRANSMIS-SION UNIT DATAGRAM SCHEDULER 耳 J (~ 五五 1291 LIND 32 ADDRESS mx U NX OUTPUT I/F **ADDRESS** ပ OUTPUT I/F QOS 2 ٠٠. INPUT DESTINATION B A - 24 4 ID ANALYSIS UNIT CONNECTION ~ SCHEDULER DATAGRAM RECEPTION VIRTUAL CONNECTION ANALYSIS UNIT 氓 ORIENTED LAN <u>(12</u> UNIT . 109 Щ 2 I/FI **PROCESSING DATAGRAM** 月月 SCHEDULER TRANSMIS. SION UNIT LIND 具 4 3

FIG.15

OBLON, SPIVAK, ET AL DOCKET #: 226310U\$-6RE INV: KENICHI NAGAMI ET AL. SHEET 15 OF 17





OBLON, SPIVAK, ET AL DOCKET #: 226310US-6RE INV: KENICHI NAGAMI ET AL. SHEET <u>17</u> OF <u>17</u>

**FIG.18** 

